

Initiation of daytime moist convection in the Tropics

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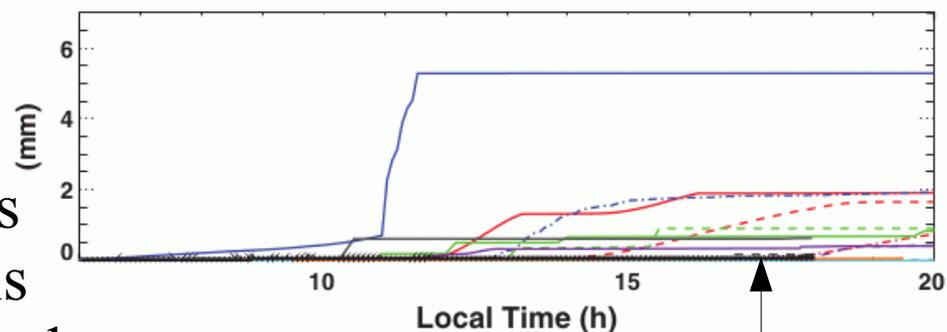
Current studies :

- Still a challenge for models
- Obs & LES : role of surface heterogeneities
- Interaction between breeze and BL thermals
- Tracking of the cold pools in LES=> life cycle

Future work :

- Contrasting different tropical environment
- Identifying the impact of the shallow convection regime on the initiation of deep convection
- Modifying the triggering of the deep convection parameterization to take into account the surface heterogeneities

(c) cumulative precipitation



(a) STRONG 1200 LT

